

Title (en)

GOLF SWING ANALYSIS SYSTEM, GOLF SWING ANALYSIS METHOD, AND PROGRAM

Title (de)

GOLFSCHWUNGANALYSESYSTEM, GOLFSCHWUNGANALYSEVERFAHREN UND PROGRAMM

Title (fr)

SYSTÈME D'ANALYSE DE SWING DE GOLF, PROCÉDÉ D'ANALYSE DE SWING DE GOLF ET PROGRAMME

Publication

EP 4020386 A1 20220629 (EN)

Application

EP 21209284 A 20211119

Priority

JP 2020219616 A 20201228

Abstract (en)

Provided is a golf swing analysis system, a golf swing analysis method, and a program enabling a player to easily grasp whether the player has made a correct swing. A captured video image obtaining unit (70) obtains a captured video image in which a player making a golf swing is captured. A swing path type specifying unit (86) specifies at least one reference angle based on at least one of a position of a predetermined body part of the player at address or a position of a shaft at address, where the positions are specified based on the captured video image. A swing path type specifying unit (86) specifies a downswing angle of a club head captured in a captured video image based on the captured video image. The swing path type specifying unit (86) compares the reference angle with the downswing angle.

IPC 8 full level

G06T 7/20 (2017.01); **G06V 40/20** (2022.01)

CPC (source: CN EP US)

A63B 24/0006 (2013.01 - US); **A63B 69/36** (2013.01 - CN); **A63B 69/3623** (2013.01 - US); **A63B 71/06** (2013.01 - US); **A63B 71/0622** (2013.01 - CN); **G06N 20/00** (2018.12 - CN); **G06T 7/20** (2013.01 - EP); **G06V 40/23** (2022.01 - EP US); **A63B 2071/0647** (2013.01 - CN); **A63B 2071/0677** (2013.01 - US); **A63B 2220/806** (2013.01 - US); **G06T 2207/10016** (2013.01 - EP); **G06T 2207/30221** (2013.01 - EP)

Citation (applicant)

JP 2014186168 A 20141002 - CASIO COMPUTER CO LTD

Citation (search report)

- [XY] US 2013274027 A1 20131017 - SAITO TAKASHI [JP], et al
- [Y] US 2017361193 A1 20171221 - MOLINARI ARTHUR [US], et al
- [Y] US 9211439 B1 20151215 - PEDENKO ALEX [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 4020386 A1 20220629; CN 114681885 A 20220701; CN 114681885 B 20230919; JP 2022104414 A 20220708; JP 7011030 B1 20220126; TW 202226062 A 20220701; TW I775637 B 20220821; US 2022203200 A1 20220630

DOCDB simple family (application)

EP 21209284 A 20211119; CN 202111338955 A 20211112; JP 2020219616 A 20201228; TW 110137468 A 20211008; US 202117523426 A 20211110